

SCALABLE SWITCHING SYSTEM AND METHOD

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ABSTRACT

Systems and methods for switching packets of information between ports are provided. One system comprises a plurality of port processors, a switch fabric and a scheduler. The port processors send packet headers to the scheduler, which resolves 10 contentions between packet headers with the same destination port addresses. The scheduler sends request-grant information to the port processors. The port processors send packets as specified by the request-grant information to the switch fabric. The switch fabric transfers the packets between the port processors according to the destination port addresses of the packets.